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EGT AMPLIFIER v3

2-CHANNEL

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Also known as an **Exhaust Gas Temperature (EGT) Sensor Amplifier**, this device measures the temperature of exhaust gases produced by the engine.

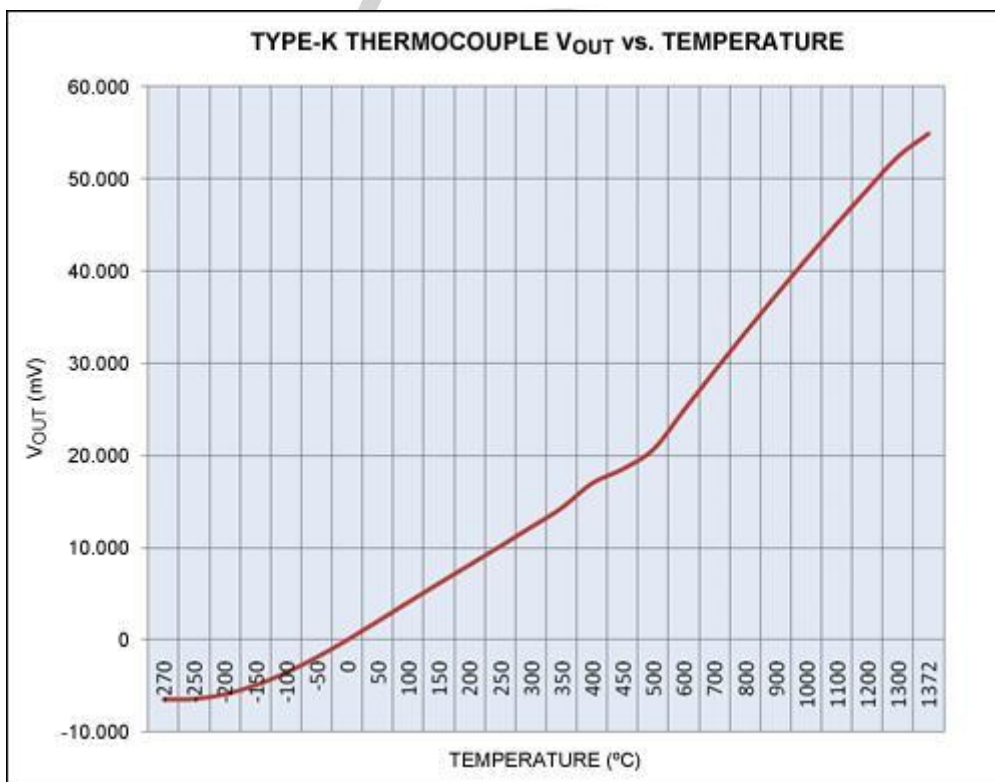
In high-performance or modified vehicles, continuous high-load operation increases the internal temperature of the engine. The **EGT Amplifier** measures this temperature through the exhaust gases leaving the engine.

In modern gasoline and diesel engines, exhaust gas temperatures typically range from **1000°C to 1100°C**. When the temperature reaches these levels, the pistons inside the engine may begin to melt due to excessive heat — leading to **severe, irreversible engine damage**.

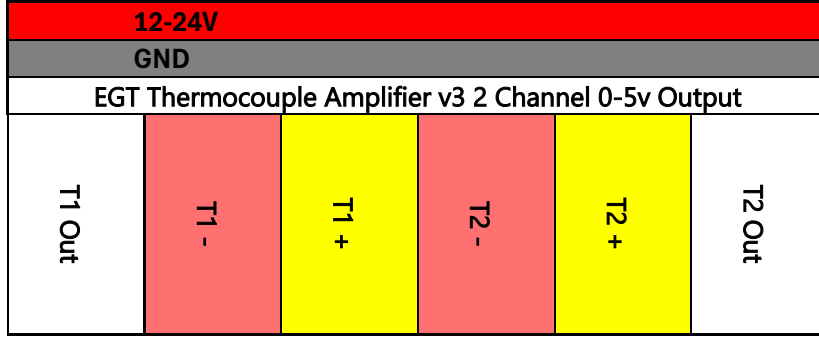
The **EGT Amplifier** alerts the driver before such conditions occur, helping to **protect the engine from thermal damage**.

⚙️ Technical Specifications

- 100% locally manufactured in Türkiye
- EGT sensor input
- Adjustable range: **0–1250°C**
- Sensitivity: **4 mV/°C**
- Accuracy: **±5%**
- **SMD technology** electronic circuitry
- **Retro-fit** installation method
- Power supply: **8–32V**
- Suitable for **24V truck and marine use**
- **Analog 0–5V output**
- Dimensions: **32mm × 32mm × 16mm**



Connection Diagram — EGT Amplifier V3



Box Contents

1. EGT Amplifier V3
2. 30 cm Power Cable
3. 6*Crimp Connector
4. 2*Heat Shrink Tubings
5. Zip Tie
6. Installation Manual

Warranty

All **Bosphorus Innovations** products are covered by a **2-year warranty** against manufacturing defects from the date of delivery.

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